

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2005/001813

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G01R33/34 G01R33/341 G01R33/3415

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G01R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, COMPENDEX, INSPEC, FSTA, BIOSIS, EMBASE, MEDLINE, IBM-TDB

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>US 2002/067167 A1 (ROMO MARCO A ET AL) 6 June 2002 (2002-06-06)</p> <p>paragraph '0001! paragraph '0004! – paragraph '0006! paragraph '0027! – paragraph '0032! figures 2-6</p> <p>-----</p> <p>US 5 585 723 A (WITHERS ET AL) 17 December 1996 (1996-12-17) column 1, lines 7-13 column 6, line 64 – column 7, line 34 figures 5,6</p> <p>-----</p> <p>-----</p>	<p>1-8, 11-18, 21-28, 31-38</p>
X		<p>1-3, 5-8, 21-23, 28</p>

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

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"&" document member of the same patent family

Date of the actual completion of the International search

11 October 2005

Date of mailing of the International search report

26/10/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 93/24848 A (CONDUCTUS, INC) 9 December 1993 (1993-12-09) page 1, lines 3-5 page 9, line 24 – page 10, line 16 figures 12,13 -----	1-3,5-8
X	US 5 565 778 A (BREY ET AL) 15 October 1996 (1996-10-15) column 1, lines 27-31 column 5, line 23 – column 6, line 51 figures 2a,2c,3 -----	1-3,5-7
X	EP 1 251 361 A (BRUKER BIOSPIN AG) 23 October 2002 (2002-10-23) paragraph '0001! paragraph '0032! – paragraph '0060! figures 4,10a-12,20,22 -----	1-3,5,9, 10
X	WOSIK J ET AL: "A novel planar design of 200 MHz superconducting array" PROCEEDINGS OF THE INTERNATIONAL SOCIETY FOR MAGNETIC RESONANCE IN MEDICINE, 11TH SCIENTIFIC MEETING AND EXHIBITION, TORONTO, ONTARIO, CANADA, 10-16 JULY 2003, 10 July 2003 (2003-07-10), page 2373, XP002348446 the whole document -----	1-3,5-10
X	EP 0 895 092 A (BRUKER AG) 3 February 1999 (1999-02-03) paragraph '0001! paragraph '0018! paragraph '0029! paragraph '0032! – paragraph '0051! figures 1a-3,7,9a,9b -----	1-40
X	CHOW MS ET AL: "A two-channel HTS thin-film phased array coil for low field MRI" PROCEEDINGS OF THE INTERNATIONAL SOCIETY FOR MAGNETIC RESONANCE IN MEDICINE, 11TH SCIENTIFIC MEETING AND EXHIBITION, TORONTO, ONTARIO, CANADA, 10-16 JULY 2003, 10 July 2003 (2003-07-10), page 2372, XP002348447 the whole document -----	1-3,5-8, 41
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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	MALAGOLI A ET AL: "Radiofrequency response of Ag-sheathed (Bi,Pb)2Sr2Ca2Cu3O10+x superconducting tapes" PHYSICA C, NORTH-HOLLAND PUBLISHING, AMSTERDAM, NL, vol. 378-381, October 2002 (2002-10), pages 1087-1090, XP004383056 ISSN: 0921-4534 the whole document	1-41
A	BOCK N A ET AL: "Multiple-mouse MRI" MAGNETIC RESONANCE IN MEDICINE, ACADEMIC PRESS, DULUTH, MN, US, vol. 49, no. 1, January 2003 (2003-01), pages 158-167, XP002281379 ISSN: 0740-3194 the whole document	1-41
A	WO 00/70356 A (INTERMAGNETICS GENERAL CORPORATION) 23 November 2000 (2000-11-23) the whole document	1-41
A	DE 42 18 635 A1 (SIEMENS AG, 80333 MUENCHEN, DE) 9 December 1993 (1993-12-09) the whole document	1-41
A	FR 2 616 911 A (THOMSON CGR) 23 December 1988 (1988-12-23) the whole document	1-41

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Information on patent family members

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